



Hydrological Sciences Division Meeting

Gerrit de Rooij, Elena Toth

EGU GA Vienna

April 15, 2015





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2. Agenda
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3. New Division President: Elena Toth

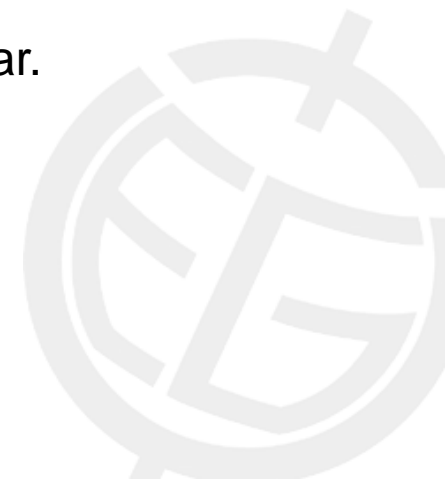




4. General Assembly 2015

EGU overall decreased since 2014 (-4%), the final tally of HS is 1898 abstracts (-6%), 12.5% of the total. We now are filling the building without overstretching.

- EGU: 14231 abstracts, 4900 oral (34%), 8608 posters (60%), 723 PICOs (5%)
- HS: 577 orals (32%), 1105 posters (62%), 98 PICOs (5%)
- HS program comprises 75 sessions
- The scheduling for HS was done by Laurent Pfister this year.





5. Outstanding Student Posters: report + awards

Rewards the best posters of young scientists (graduate students and recently completed PhDs)

- Coordinators: Julian Klaus, Ilja van Meerveld, Andreas Güntner (EGU)
- 143 posters in the competition (2014: 377; 2013: 85; 2012: 184)
- 59 sessions





5. Outstanding Student Posters: report + awards

Procedure for participating

- (PhD-) students register their wish to enter the competition when uploading their abstract
- 3 judges per poster
- Criteria: scientific quality, presentation, and discussion
- Top 1-5 of the ranked posters win the OSP Award (depending on number of posters in competition)





5. Outstanding Student Posters: report + awards

Benefits of participating:

- 3 judges per poster come to talk to you
- Feedback on poster

If you win:

- short presentation on the EGU website
- conference fee waived for the next GA
- when the work is subsequently published in HESS, the page charges will be waived





5. Outstanding Student Posters: report + awards

Procedure for poster assessment

- New online system:
 - Conveners ask and assign judges
 - Judges automatically receive email and link to the assessment form
 - Judges fill in assessment form or upload assessment directly





5. Outstanding Student Posters: report + awards

The 2014 OSP winners

Peter Greve

The Budyko framework beyond stationarity.



Auwal Abdussalam

Possible impact of climate change on meningitis in northwest Nigeria: an assessment using CMIP5 climate model simulations



Angelica Tarpanelli

River discharge estimation by using remote sensing data in absence of bathymetry: The Po river case study



Magdalena Rogger

Step changes in the flood frequency curve – Quantifying effects of catchments storage thresholds



Martina Ueckert

Colloids in the River Inn





6. Outstanding Young Scientist Award

The 2014 HS Arne Richter Award for Outstanding Young Scientists at EGU level goes to:

Dr. Francesca Pianosi

for innovative contributions to the advancement of systems methods for the sustainable management of the world's water resources.



Award lecture delivered on Monday.





7. Medal winners

Alexander von Humboldt Medal: Hubert Savenije



Dalton Medal: Diane McKnight

Darcy Medal: Nick van de Giesen





7. Medal Winners

Hubert Savenije and Nick van de Giesen already delivered their Medal Lectures on Tuesday.

Diane McKnight will deliver hers on Thursday, R1, 19:00.





8. Nominations for Medals and Awards in HS and EGU over 2011-2014.

EGU	nom. m	nom. f	win m	win f
Union Medals	36 (86%)	6 (14%)	13 (91%)	1 (7%)
Arne Richter Award			13 (84%)	3 (19%)
HS	nom. m	nom. f	win m	win f
Darcy Medal	74%	26%	75%	25%
Dalton Medal	100%	0%	100%	0%

No female lead nominator in the past term (2012-2014), three in 2015 (for two nominees).





9. Hydrology and Earth System Sciences Journal: report + awards

Erwin Zehe (Executive Editor) reports





10. Young Hydrological Society

An initiative developed by a group of young colleagues who want to create a platform within HS for young/early-career scientists.

This year they have organised several activities at the EGU GA 2015 aiming at the YS members of our division:

[Water Sciences Pop-Ups](#) – *PICO Session on future vision of water sciences with interactive discussion*, MONDAY APRIL 13, 10.30 – 12.00, PICO spot 2

[How to write \(and publish\) a scientific paper in hydrology](#)– *Short course on academic writing and publishing given by Prof. Keith Beven (Lancaster University)*, TUESDAY 14, 10.30 – 12.00: SC16/HS11.3, Room 7

[Hydroinformatics for hydrology: data-driven and hybrid techniques](#) – *Short course (Lecture) given by Prof. Dimitri Solomatine (UNESCO-IHE)*, TUESDAY 14, 13.30 – 15.00 ROOM B7

[Getting in touch with the Young Hydrologic Society](#) – *Introduction to YHS, what does YHS already do, future plans, your contribution*, TUESDAY 14, 17.30 – 19.00 ROOM Y3

[Introduction to teaching hydrology](#) – *Workshop given by Prof. Thorsten Wagener (University of Bristol), Prof. Allan Rodhe (Uppsala University), Dr. Martine Rutten (TU Delft)*, WEDNESDAY 15, 13.30 – 15.00 ROOM R7

[Meet the Expert in Hydrology – The mystery of evaporation](#) – *Discussion with Prof. Christel Prudhomme (CEH), Prof. Henk de Bruin (Wageningen UR), Prof. Michael Roderick (ANU)*, THURSDAY 16, 10.30 – 13.15 ROOM R7



10. Young Hydrological Society

Previous YS Representative for HS Division:

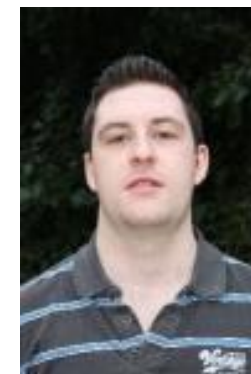
- **Wouter Berghuijs**, TuDelft, Netherlands
(wb14708@bristol.ac.uk) **University of Bristol**

Now chosen as representative of all the Young Scientists at Union level



New Young Scientist Representative for the HS division elected by the young scientist members of the HS division:

- **Shaun Harrigan**, Maynooth University, Ireland
(Shaun.Harrigan@nuim.ie)





11. HS Officers

My proposal is to confirm:

as Deputy President: **Laurent Pfister**



as Outreach Committee Representative: **Peter van Oevelen**



as Webmaster: **Miriam Coenders**



as OSP Coordinators:

Ilja van Meerveld and Julian Klaus





11. HS Officers: SubDivision Chairs

The meetings program is organised by ten SubDivisions:

Outgoing SubDivision Chairs

- Catchment hydrology: **L. Pfister**



- Estuaries, wetlands & eco-hydrology: **S. Schymanski**



- Hydrological forecasting: E. Toth

11. HS Officers: SubDivision Chairs

Catchment hydrology: **Bettina Schaefli**



Erosion, sedimentation & river processes:
Marcel van der Perk



Estuaries, wetlands & eco-hydrology:
Josie Geris





11. HS Officers: SubDivision Chairs

Groundwater: **Peter Bayer**



Hydroinformatics: **Dimitri Solomatine**



Hydrological forecasting:
Maria-Helena Ramos



11. HS Officers: SubDivision Chairs

Precipitation & climate: **Chris Onof**



Remote sensing & data assimilation: **Annett Bartsch**



Unsaturated zone: **Martine van der Ploeg**



Water Policy & management: **Wouter Buytaert**





Opportunities to help in EGU/HS

You can join the SubDivision committees and propose/convene sessions

More details on the HS website:

<http://www.egu.eu/hs/structure/>

www.egu.eu

EGU Structure

Scientific Divisions





12. Medal Committees

The committees that select the Dalton and Darcy Medallists need a formal approval by this body.

- **Dalton Medal Committee:**

- Gerrit de Rooij (Chair)
- Diane McKnight
- Hoshin Gupta
- Michael Roderick
- Kurt Roth
- Ex-officio: Elena Toth





12. Medal Committees

The committees that select the Dalton and Darcy Medallists need a formal approval by this body.

- **Darcy Medal Committee:**
 - Gerrit de Rooij (Chair)
 - Nick van de Giesen
 - Upmanu Lall
 - Georgia Destouni
 - Tissa Illangasekare
 - Ex-officio: Elena Toth

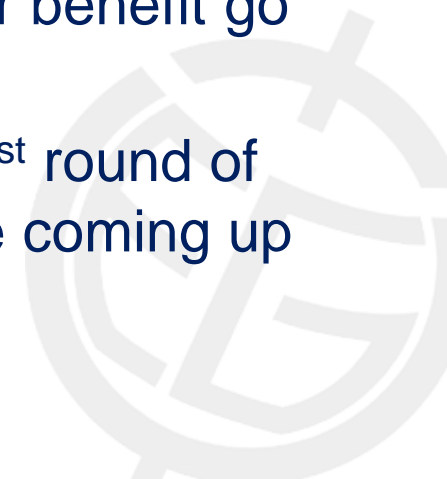




13. Galileo and Leonardo Conferences

EGU Galileo conferences

- Address well-focused cutting-edge topics at the frontier of geosciences research.
- 3-5 days meeting for discussion and debate for about 100 participants.
- EGU provides comprehensive organisational support allowing organizing committees to focus on the scientific aspects.
- EGU is partly sponsoring the event. Financial loss or benefit go to EGU.
- 2-stage application process on-line. “Deadline” for 1st round of applications **November 30th 2015** (submission page coming up in summer).
- Submission from September 1st, 2015





13. Leonardo Conferences

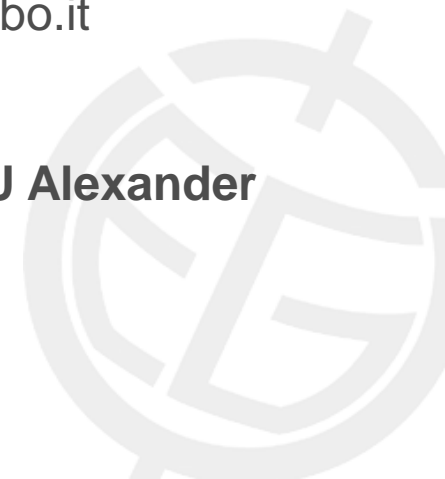
Topical conference series run by HS

- Small: ~120 participants
- In the fall, every year
- Partially funded by EGU

Coordinated by the Leonardo Committee (Chair: Alberto Montanari, members: previous organizers). Info: alberto.montanari@unibo.it

7th Leonardo Conference (2015) associated with the EGU Alexander von Humboldt Conference:

Addis Abeba (Ethiopia), November 2015





AvH-STAHY-Leonardo conference



10th Alexander von Humboldt Conference 2015

Water-Food-Energy River and Society in the Tropics

EGU Topical Conference Series | Addis Ababa | Ethiopia | 18 – 20 November 2015

EGU.eu

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General information

Background

Committees

Abstract management

Registration

Accommodation

Venue

Imprint

EGU Topical Conference Series

10th Alexander von Humboldt Conference 2015

STAHY'15 Workshop & EGU-GIFT Workshop

EGU Leonardo Conference 2015

Water-Food-Energy River and Society in the Tropics

Addis Ababa | Ethiopia | 18 – 20 November 2015

Keydates

[Abstract submission](#) (deadline: 30 June 2015)

The conference

The conference brings together three important scientific meetings for the water science community: the Alexander von Humboldt Conference of the European Geosciences Union, the STAHY workshop of the International Association of Hydrological Sciences (IAHS), and the Statistical Hydrology of the International Association of Hydrological Sciences (ICSH-IAHS) workshop of the Hydrological Sciences Division of the European Geosciences Union.

The Alexander von Humboldt Conference Series (AvH) of the European Geosciences Union are a series of meetings held outside Europe, in particular in South America, Africa or Asia, on selected topics of geosciences with a socio-economic impact for regions on these continents, jointly organized with the scientists and their institutes and the institutions of the same regions. For the year

Oral and Poster Contributions to the joint AvH-STAHY-Leonardo conference will be welcomed on:

- River basin modeling and management.
- Socio-hydrology and interactions between water systems and society.
- Water resources management in an interdisciplinary context.
- Advanced theories and practical approaches in ecohydrology.
- Geothermal water resources.
- State of the art regarding the exploration and exploitation of groundwater resources in arid and tropic areas.
- Renewable energy resources.



14. Communication at EGU

Communication Activities at the Assembly

EGU Today

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and GeoCinema screenings, amongst activities at the Assembly
- Paper copies will be distributed daily and are available to download at www.egu2015.eu/egu_today

Blogs

- GeoLog, the EGU Blog Network & EGU Division Blogs will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions will be advertised on Twitter ([@EuroGeosciences](https://twitter.com/EuroGeosciences)) and Facebook ([European Geosciences Union](https://www.facebook.com/EuropeanGeosciencesUnion))
- Participants can ask questions & keep updated by following [#EGU15](https://twitter.com/EGU15)



14. Meetings, Medals & Young Scientists on the web

Meetings Calendar

- A hub of information on conferences and workshops in the geosciences. Add your meeting at www.egu.eu/meetings/calendar/form

Co-Sponsoring Programme

- There are two submission periods to ask for support for your meeting: from 1. June - 31. July and from 1. November - 31. December every year. Evaluation results are expected to be published within three months after the submission deadline. www.egu.eu/meetings/support-request

Awards & Medals

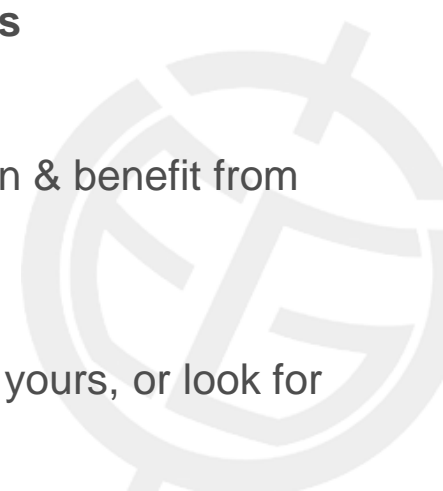
- Nominations are open until 15 June www.egu.eu/awards-medals

Young Scientists

- Young scientists (YS) can find out how to get involved in the Union & benefit from our YS resources at www.egu.eu/young-scientists

Jobs

- We advertise geoscientific jobs for free at www.egu.eu/jobs add yours, or look for a new position





15. Any other business





Thank you and enjoy the meeting

Next year: April 17-22, 2016

